

Title (en)

Automated systems and methods for harvesting and implanting follicular units

Title (de)

Automatisierte Systeme und Verfahren zum Ernten und Pflanzen von follikularen Einheiten

Title (fr)

Systèmes automatisés et procédés pour prélever et planter des unités folliculaires

Publication

EP 2781200 A1 20140924 (EN)

Application

EP 14166987 A 20060927

Priority

- US 72252105 P 20050930
- US 75360205 P 20051222
- US 76417306 P 20060131
- US 38090306 A 20060428
- US 38090706 A 20060428
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- US 42143806 A 20060531
- US 42144306 A 20060531
- EP 06804246 A 20060927
- US 2006038002 W 20060927

Abstract (en)

An automated system for harvesting or implanting follicular units, including a moveable arm; a harvesting and/or implantation tool mounted on the moveable arm; one or more cameras mounted on the moveable arm; a processor configured to receive and process images acquired by the one or more cameras; and a controller operatively associated with the processor and configured to position the moveable arm based, at least in part, on processed images acquired by the one or more cameras, wherein the moveable arm is positionable such that the tool may be positioned at a desired orientation relative to an adjacent body surface.

IPC 8 full level

A61B 19/00 (2006.01); **A61B 17/3205** (2006.01); **A61F 2/10** (2006.01); **A61B 17/34** (2006.01)

CPC (source: EP KR)

A61B 17/34 (2013.01 - KR); **A61B 17/50** (2013.01 - KR); **A61B 34/30** (2016.02 - EP); **A61B 17/32053** (2013.01 - EP);
A61B 17/3468 (2013.01 - EP); **A61B 90/361** (2016.02 - EP); **A61B 2017/00752** (2013.01 - EP); **A61B 2090/064** (2016.02 - EP);
A61B 2090/364 (2016.02 - EP); **A61F 2/10** (2013.01 - EP)

Citation (applicant)

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WO2018000058A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2007041267 A2 20070412; WO 2007041267 A3 20070607; AU 2006297217 A1 20070412; AU 2006297217 B2 20100715;
AU 2010202789 A1 20100722; AU 2010202789 B2 20110901; BR PI0616648 A2 20110628; CA 2621594 A1 20070412;
CA 2621594 C 20121127; CA 2709769 A1 20070412; CA 2709769 C 20120320; CA 2763686 A1 20070412; CA 2763686 C 20140708;
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KR 20100063148 A 20100610

DOCDB simple family (application)

US 2006038002 W 20060927; AU 2006297217 A 20060927; AU 2010202789 A 20100701; BR PI0616648 A 20060927; CA 2621594 A 20060927;
CA 2709769 A 20060927; CA 2763686 A 20060927; CN 200680035954 A 20060927; CN 201010230459 A 20060927; EP 06804246 A 20060927;
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KR 20087007549 A 20060927; KR 20107010548 A 20060927